



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/625,509	07/24/2003	Kanghoon Lee	240368US2DIV	9008
22850	7590	01/30/2006		
OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314			EXAMINER GARCIA, GABRIEL I	
			ART UNIT 2624	PAPER NUMBER

DATE MAILED: 01/30/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/625,509

Applicant(s)

LEE, KANGHOON

Examiner

Gabriel I. Garcia

Art Unit

2624

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 September 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 3-20 is/are pending in the application.
- 4a) Of the above claim(s) 6-19 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 3-5 and 20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 7/24/03, 1/15/04, 3/9/04 & 7/16/04
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

Part III DETAILED ACTION

1. Applicant's election with traverse of Group I in Paper filed on 9/8/05 is acknowledged. The traversal is on the ground(s) that search and examination of the entire application would not place a serious burden on the examiner. This is not found persuasive because even though independent claims may have overlapping search areas, claims are subcombinations distinct from each other and they were shown to be separately usable together. Because these inventions are distinct for the reasons given before and the search required for Group I is not required for the other groups, restriction for examination purposes as indicated is proper.

Claims 6-19 are withdrawn from further consideration by the Examiner, 37 C.F.R. § 1.142(b), as being drawn to a non-elected Group, the requirement having been traversed in Paper filed on 9/8/05.

The requirement is still deemed proper and is therefore made FINAL.

2. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

3. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the different code devices must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Art Unit: 2624

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

4. The abstract of the disclosure is objected to because the abstract is not drawn to the invention being claimed. Correction is required. See MPEP § 608.01(b).

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Art Unit: 2624

5. Claims 3-5 and 20 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. The description of the computer program code having a first thru fifth computer code devices is not described anywhere in the specification.

6. Claims 3-5 and 20 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. The description of the computer program code having a first thru fifth computer code devices is not described anywhere in the specification. ***.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in-

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national

Art Unit: 2624

application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

7. Claims 3-5 and 20 are rejected (as best understood by the Examiner) under 35 U.S.C. 102(e) as being anticipated by Yokomizo et al. (6,321,266)

With regard to claim 3, Yokomizo et al. teaches a computer program product (e.g. col. 1, lines 44-52 and col. 47, lines 29-34), comprising: a computer storage medium (e.g. col. 36, lines 53-65) and a computer program code mechanism embedded in the computer storage medium for causing a printer to control a configuration of the printer (e.g. col. 32, lines 36-63, and col. 49, lines 27-39) the computer program code mechanism comprising: a first computer code device configured to receive a request for a printer control interface (e.g. col. 1, lines 44-52, and col. 70, line 66 thru col. 71, line 5); a second computer code device configured to send the printer control interface to a remote computer (e.g. col. 1, lines 44-52, col. 32, lines 36-67, and col. 38, lines 16-55); a third computer code device configured to receive a series of printer control parameters in response to sending the printer control interface (e.g. col. 1, lines 44-52, col. 19, lines 39-50, and col. 72, lines 34-67) ; and a fourth computer code device configured to update a control memory of the printer based on the series of printer control parameters (e.g. col. 1, lines 44-52, col. 19, lines 39-50, and col. 72, lines 34-67).

With regard to claim 4, Yokomizo et al. teaches wherein the fourth computer code device comprises a fifth computer code device configured to store the

Art Unit: 2624

series of printer control parameters in the control memory of the printer based on an identification of the remote computer (e.g. col. 1, lines 44-52, col. 12, lines 17-25, and col. 57, lines 52-55).

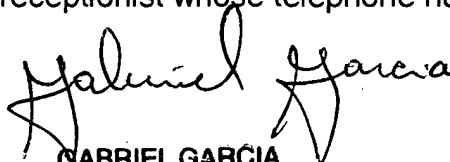
With regard to claim 5, Yokomizo et al. teaches wherein the fourth computer code device comprises a fifth computer code device configured to store the series of printer control parameters in the control memory of the printer based on an internet address of the remote computer (e.g. col. 1, lines 44-52, and col. 57, lines 39-55).

With regard to claim 20, Yokomizo et al. teaches wherein the fourth computer code device comprises a fifth computer code device configured to store the series of printer parameters in a database (e.g. col. 1, lines 44-52, col. 57, lines 39-55, and col. 76, lines 9-24).

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Gabriel I. Garcia** whose telephone number is (571) 272-7434. The Examiner can be reached from Monday through Thursday, from 7:30 am to 6:00 pm. The fax phone number for this group is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (571) 3272-2600.

Gabriel I. Garcia
Primary Examiner
January 3, 2006


GABRIEL GARCIA
PRIMARY EXAMINER